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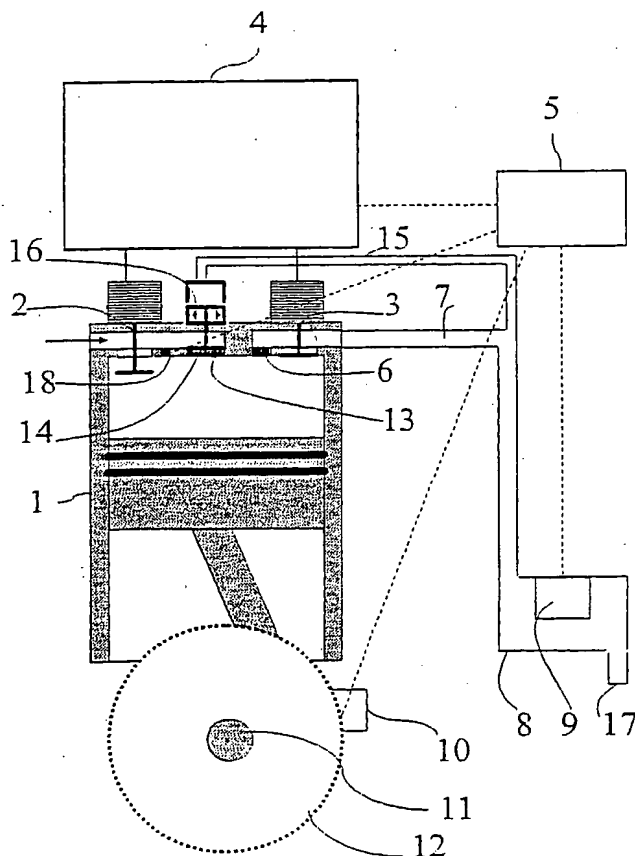
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(54) Title: A CONTROL METHOD FOR CONTROLLING THE GAS FLOW IN A COMPRESSOR



(57) **Abstract:** The invention relates to a control method for controlling the gas flow by a compressor in which a volume is expanded during an intake stroke and the intaken volume of gas is compressed and taken out through a non return valve (6) for outflow and/or an operable outlet valve (3) during an evacuation stroke, and in which the compressor has a controllable inlet valve (2) that is pneumatically, hydraulically or electromagnetically operable and that is opened and closed upon basis of a signal from a control system. The inlet valve (2) is kept closed during at least a part of an intake stroke.